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## **PCT REQUEST**

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020369 FE

0	For receiving Office use only	
0-1	International Application No.	PCT/EP 0 3 / 1 4 3 2 6
0-2	International Filing Date	1 6 DEC 2003 (16. 12. 2003)
0-3	Name of receiving Office and "PCT International Application"	EUROPEAN PATENT OFFICE POT INTERNATIONAL APPLICATION
-		
0-4	Form - PCT/RO/101 PCT Request	
0-4-1	Prepared using	PCT-EASY Version 2.92 (updated 01.11.2003)
0-5	Petition	(4544554 52:22:2005)
	The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty	
0-6	Receiving Office (specified by the applicant)	European Patent Office (EPO) (RO/EP)
0-7	Applicant's or agent's file reference	020369 FE
I	Title of invention	PYROGENICALLY PRODUCED SILICA
li	Applicant	
II-1	This person is:	applicant only
11-2	Applicant for	all designated States except US
11-4	Name	DEGUSSA AG
11-5	Address:	Bennigsenplatz 1
		D-40474 Düsseldorf
·		Germany
11-6	State of nationality	DE
II-7	State of residence	DE
11-8	Telephone No.	0 61 81 / 59-22 27
11-9	Facsimile No.	0 61 81 / 59-43 04
III-1	Applicant and/or inventor	0 02 02 / 03 43 04
III-1-1	This person is:	applicant and inventor
III-1-2	Applicant for	US only
III-1-4	Name (LAST, First)	MÖRTERS, Martin
III-1-5	Address:	Dinkelbergstrasse 6
		D-79618 Rheinfelden
		Germany
III-1-6	State of nationality	
III-1-7	State of residence	DE
	State of residence	DE



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111-2	Applicant and/or inventor		
III-2-1	This person is:	applicant and inventor	
III-2-2	Applicant for	US only	
III-2-4	Name (LAST, First)	JACOBSEN, Hauke	
111-2-5	Address:	Im Ortsetter 26	
		D-79618 Rheinfelden	
		Germany	
III-2-6	State of nationality	DE	
111-2-7	State of residence	DE	
III-3	Applicant and/or inventor		
III-3-1	This person is:	applicant and inventor	
III-3-2	Applicant for	US only	
III-3-4	Name (LAST, First)	SCHUMACHER, Kai	
III-3-5	Address:		
		Berliner Strasse 16 D-65719 Hofheim	
		Germany	
III-3-6	State of nationality	DE	
III-3-7	State of residence	DE	
IV-1	Agent or common representative; or	DE .	
	address for correspondence The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:	common representative	
V-1-1 <sub>.</sub>	Name	DEGUSSA AG	
V-1-2	Address:	Intellectual Property Management	
		PATENTE und MARKEN	
		Standort Hanau	
		Postfach 13 45	
		D-63403 Hanau	
V-1-3	Telephone No.	Germany	
V-1-3 V-1-4	Facsimile No.	0 61 81 / 59-22 27	
V-1-4 /		0 61 81 / 59-43 04	
	Designation of States		
/-1	(other kinds of protection or treatment,	EP: AT BE BG CH&LI CY CZ DE DK EE ES FI	
	if any, are specified between parentheses after the designation(s)	FR GB GR HU IE IT LU MC NL PT RO SE SI	
	parentheses after the designation(s)	SK TR and any other State which is a	
	concerned)	· · · · · · · · · · · · · · · · · · ·	
ε	concerned)	Contracting State of the European Patent	
(-2		Contracting State of the European Patent Convention and of the PCT	
<b>'-2</b>	National Patent (other kinds of protection or treatment,	Contracting State of the European Patent Convention and of the PCT AE AG AL AM AT AU AZ BA BB BG BR BW BY	
/-2	National Patent (other kinds of protection or treatment, if any, are specified between	Contracting State of the European Patent Convention and of the PCT AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH&LI CN CO CR CU CZ DE DK DM DZ	
7-2	National Patent (other kinds of protection or treatment,	Contracting State of the European Patent Convention and of the PCT AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH&LI CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID	
<b>7-2</b>	National Patent (other kinds of protection or treatment, if any, are specified between parentheses after the designation(s)	Contracting State of the European Patent Convention and of the PCT  AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH&LI CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS	
-2	National Patent (other kinds of protection or treatment, if any, are specified between parentheses after the designation(s)	Contracting State of the European Patent Convention and of the PCT  AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH&LI CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO	
7-2	National Patent (other kinds of protection or treatment, if any, are specified between parentheses after the designation(s)	Contracting State of the European Patent Convention and of the PCT  AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH&LI CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS	

# Rec'd PT/PTO 05 APR 2005

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V-5	Precautionary Designation Statement	
	In addition to the designations made under items V-1, V-2 and V-3, the applicant also makes under Rule 4.9(b) all designations which would be permitted under the PCT except any designation(s) of the State(s) indicated	
	under item V-6 below. The applicant declares that those additional designations are subject to confirmation and that any designation which is not confirmed before the expiration of 15 months from the priority date is to be regarded as withdrawn by the applicant at the expiration of that time limit.	· · ·
V-6	Exclusion(s) from precautionary designations	NONE
VI-1	Priority claim of earlier national application	
VI-1-1	Filing date	17 December 2002 (17.12.2002)
VI-1-2	Number	102 58 858.9
VI-1-3	Country	DE
VII-1	International Searching Authority Chosen	European Patent Office (EPO) (ISA/EP)
VIII	Declarations	Number of declarations
VIII-1	Declaration as to the identity of the inventor	
VIII-2	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent	1
VIII-3	Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application	-
VIII-4	Declaration of inventorship (only for the purposes of the designation of the United States of America)	
VIII-5	Declaration as to non-prejudicial disclosures or exceptions to lack of novelty	

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VIII-2-1	Declaration: Entitlement to apply for	
	and be granted a patent	
	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent (Rules 4.17(ii) and 51bis.1(a)(ii)), in a case where the declaration under Rule 4.17(iv) is not appropriate:	in relation to this international application
	Name:	DEGUSSA AG
		is entitled to apply for and be granted
		a patent by virtue of the following:
VIII-2-1		DEGUSSA AG is entitled as employer of
(ii)		the inventor, MÖRTERS, Martin
VIII-2-1		DEGUSSA AG is entitled as employer of
<u>(ii)</u>	· · · · · · · · · · · · · · · · · · ·	the inventor, JACOBSEN, Hauke
VIII-2-1	*	DEGUSSA AG is entitled as employer of
(ii)	·	the inventor, SCHUMACHER, Kai
VIII-2-1	This declaration is made for the purposes of:	all designations except the designation
(ix)		of the United States of America

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IX	Check list	number of sheets	electronic file(s) attached	
IX-1	Request (including declaration sheets)	5		
IX-2	Description	10	_	
IX-3	Claims	2		
IX-4	Abstract	1	EZABST00.TXT	
IX-5	Drawings	1	-	
IX-7	TOTAL	19		
	Accompanying items	paper document(s) attached	electronic file(s) attached	
IX-8	Fee calculation sheet	<b>V</b>	_	
IX-9	Original separate power of attorney	<b>✓</b>		
IX-9	Original separate power of attorney	<b>✓</b>	_	
IX-9	Original separate power of attorney	<b>V</b>	_	
IX-11	Copy of general power of attorney	reference no. AV	_	
		45711		
IX-13	Priority document(s)	Item(s) VI-1	-	
IX-17	PCT-EASY diskette	-	Diskette	
IX-19	Figure of the drawings which should accompany the abstract	-		
IX-20	Language of filing of the international application	English		
X-1	Signature of applicant, agent or common representative	Am long		
X-1-1	Name	DEGUSSA AG LOGU LOGU		
K-1-2	Name of signatory	i. V. Dr. Eugen Staab		
K-1-3	Capacity	AV 45711		

## FOR RECEIVING OFFICE USE ONLY

10-1	Date of actual receipt of the purported international application	1 6 DEC 2003	(16. 12. 2003)	
10-2	Drawings:			
10-2-1	Received	<b>  V</b>		
10-2-2	Not received		•	
10-3	Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application			
10-4	Date of timely receipt of the required corrections under PCT Article 11(2)			
10-5	International Searching Authority	ISA/EP		
10-6	Transmittal of search copy delayed until search fee is paid			

## FOR INTERNATIONAL BUREAU USE ONLY

11-1	Date of receipt of the record copy by	
	the International Bureau	